

State of California
Department of Food and Agriculture
Division of Measurement Standards

Certificate Number: 5358-03

Page 1 of 3

California Type Evaluation Program
Certificate of Approval
for Weighing and Measuring Devices

For:

Water Dispenser
Coin-Operated

Model: G21B

Submitted by:

Glacier Water Services, Inc.
2651 La Mirada Drive, Suite 100
Vista, CA 92081
Tel: (760) 560-1111 Ext. #146
Fax: (760) 560-3333
Contact: Justin Pigott
Internet: <http://www.glacierwater.com/>

Standard Features and Options

- 1, 2, 3, and 5 gallon vends
- Model C700 water meter with B type pulser
- Controller Model G2
- Self contained free standing system
- Coin or bill activated vends Models Coinco and Conlux
- Customer LED indicator accumulates value of coin drops
- Lighted indicator when "correct change" is required
- Lighted indicator when "sold-out" condition exists

NOTE: Money-operated type devices shall have clearly and conspicuously displayed adequate information detailing the method for the return of monies when the product or service cannot be obtained. This information shall include the name, address, and phone number of the **local** servicing agency for the device.

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: October 6, 2003



Mike Cleary, Director

**Glacier Water Services, Inc.
Water Dispenser, Coin-Operated
Model: G21B**

Application: Approved for use as a water vending dispenser.

Identification: The identification badge is located on the upper right side of the dispenser cabinet under polycarbonate.

Sealing: The water meter, located in the dispenser cabinet, can be sealed with a wire security seal threaded through a hole on the register locking ring to a hole on the measuring chamber. The G2 controller housing has a hinged cover with provisions for applying a security lead and wire seal to the cover and housing.

Operation: This device is a money value vending dispenser designed to deliver water in single, uninterrupted quantities of 1, 2, 3, or 5 gallons. Delivered volume is regulated by an AMCO water meter, Model C-700 (Certificate of Approval Number 5100(b)-03). The meter is equipped with a "Model Type B," self-powered generator which produces pulses for remote systems. The dispenser uses a timing device to cycle the metering sequence.

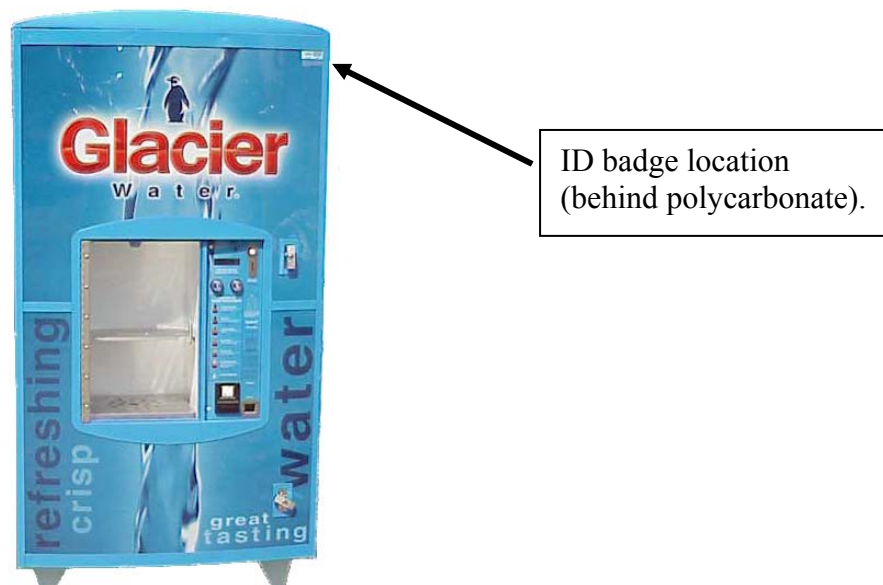
A display indicates the money value required to activate a product-select button and start delivery. An indicator displays the cumulative value of money deposited. When change cannot be made for over-deposits, a LCD display reflecting "correct change" must be used. When product is not available, a lighted indicator reflects the "sold-out" condition for which dispensing is not allowed.

Test Conditions: The emphasis of the evaluation was on device design, accuracy, and repeatability requirements. Field tests were conducted to verify the coin and dollar bill mechanism and the accuracy of the 1, 2, 3, and 5 gallon water vends. 2217 vends of throughput were recorded between the initial and permanence tests to insure the long term accuracy still meets the tolerance.

Results of the evaluations indicate the device complies with applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2003 Edition

Tested By: John Roach (CA), Jim Byers (CA), Paul Jordan (CA)



**Glacier Water Services, Inc.
Water Dispenser, Coin-Operated
Model: G21B**

Sealing provisions (wire seals) for
the Model C-700 water meter and
Model G2 controller box.



Locations of the Model
C-700 water meter and
Model G2 controller box.

